

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| L1 | 2249 | ((359/642,804,811) or (351/159, 174)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:22 |
| L2 | 507 | L1 and (flange or rim or projection\$2 or lip or overhang or extention or proturberance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:22 |
| L3 | 904780 | @pd>="20041101" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:23 |
| L4 | 38 | 2 and 3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:23 |
| L5 | 4265 | lens and ((flange or rim or projection\$2 or lip or overhang or extention or proturberance) near8 groove) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:26 |
| L6 | 4233 | L5 not L1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:26 |
| L7 | 746 | L6 and convex | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:26 |
| L8 | 41 | 3 and 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:27 |
| L9 | 47577 | optical near3 ((pick adj up) or pickup) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:28 |

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| L10 | 167 | L9 and (lens and ((flange or rim or projection\$2 or lip or overhang or extention or proturberance) near8 groove)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:28 |
| L11 | 13 | 3 and 10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:28 |
| L12 | 1957 | ((359/819) or (362/455) or (353/100)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:29 |
| L13 | 2249 | ((359/642,804,811) or (351/159, 174)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:29 |
| L14 | 1743 | L12 not L13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:29 |
| L15 | 689 | L14 and (flange or rim or projection\$2 or lip or overhang or extention or proturberance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:29 |
| L16 | 51 | 15 and 3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:29 |
| L17 | 613 | L15 and lens | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:31 |
| L18 | 0 | (17 and 3) not 16 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:32 |
| L19 | 97656 | lens and coat\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:32 |

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| L20 | 454 | 19 and (radial\$5 near6 groove) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:51 |
| L21 | 586 | 19 and (radia\$5 near6 groove) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 08:51 |
| L22 | 132 | 21 not 20 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 09:47 |
| L23 | 423 | lens and (radial near2 groove) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 09:47 |
| L24 | 67 | 23 and convex | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/16 09:48 |
| S1 | 2157 | ((359/642,804,811) or (351/159,174)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:48 |
| S2 | 472 | S1 and (flange or rim or projection\$2 or lip or overhang or extention or proturberance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:49 |
| S3 | 0 | .("2004/0066560").URPN. | USPAT | OR | OFF | 2004/11/16 12:08 |
| S4 | 108800 | lens and (flange or rim or projection\$2 or lip or overhang or extention or proturberance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:18 |
| S5 | 4030 | lens and ((flange or rim or projection\$2 or lip or overhang or extention or proturberance) near8 groove) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:51 |
| S6 | 3999 | S5 not S1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:20 |

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| S7 | 709 | S6 and convex | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:20 |
| S8 | 36736 | optical near ((pick adj up) or pickup) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:49 |
| S9 | 44545 | optical near3 ((pick adj up) or pickup) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:49 |
| S10 | 3904 | S9 and (flange or rim or projection\$2 or lip or overhang or extention or proturberance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:50 |
| S11 | 1320 | S10 and groove | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:50 |
| S12 | 2157 | ((359/642,804,811) or (351/159, 174)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:50 |
| S13 | 1309 | S11 not S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:50 |
| S14 | 154 | S9 and (lens and ((flange or rim or projection\$2 or lip or overhang or extention or proturberance) near8 groove)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 12:51 |
| S15 | 3 | ((("5116644") or ("5181142"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/16 13:54 |

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| S16 | 1880 | ((359/819) or (362/455) or (353/100)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:48 |
| S17 | 2161 | ((359/642,804,811) or (351/159,174)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:49 |
| S18 | 1674 | S16 not S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:49 |
| S19 | 642 | S18 and (flange or rim or projection\$2 or lip or overhang or extention or proturberance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:50 |
| S20 | 568 | S19 and lens | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/22 15:50 |